

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/010460 A3

(51) International Patent Classification⁷: **H01J 5/54**,
61/32, 9/34

(21) International Application Number:
PCT/JP2003/009234

(22) International Filing Date: 22 July 2003 (22.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002-212911 22 July 2002 (22.07.2002) JP

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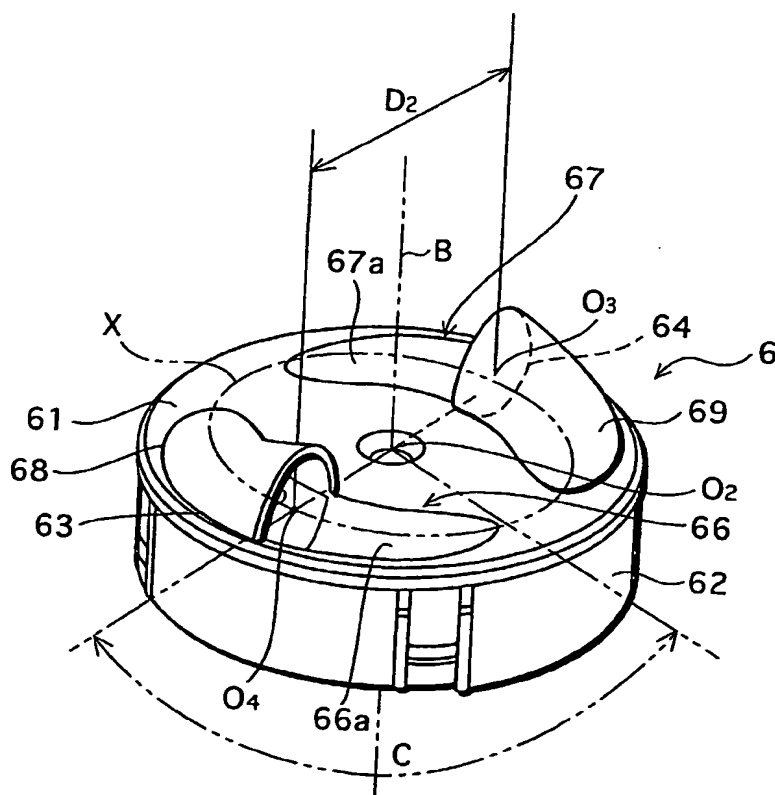
(81) Designated States (national): CN, ID, US.

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: LOW-PRESSURE MERCURY LAMP AND METHOD FOR ASSEMBLING THE SAME



(57) Abstract: An arc tube (2) is formed by a glass tube that is turned at a substantially middle thereof and wound around a spiral axis (13) from the middle, preferably to have a double-spiral structure. End portions of the arc tube are wound around the spiral axis (13). A holder (6) has insertion openings (63, 64) formed therein in such shapes that correspond to shapes of the ends of the arc tube (2). The insertion openings allow the ends of the arc tube (2) to be inserted along a bottom wall of the holder (6). The holder preferably also includes guide grooves (66a, 67a) provided in the areas before the insertion openings (63, 64) in the spiral direction of the ends of the arc tube (2). The guide grooves (66a, 67a) allow the end portions of the arc tube (2) to come in contact, and when the arc tube is rotated around the axis (13), guide the ends of the arc tube (2) to the insertion openings (63, 64).



(88) Date of publication of the international search report:
13 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/03/09234

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01J5/54 H01J61/32 H01J9/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 675 215 A (SOULES THOMAS F ET AL) 7 October 1997 (1997-10-07) column 5, line 11 - column 6, line 63; figures 2,3	1-11
X	EP 1 182 688 A (GEN ELECTRIC) 27 February 2002 (2002-02-27) figure 5	1-4,6, 10-12
E	WO 03/083360 A (KOTAKI TOSHIKATSU ; TOMIYOSHI YASUSHIGE (JP); IIDA SHIRO (JP); KITAGAW) 9 October 2003 (2003-10-09) abstract; figures 1,2,4,5	1-4,6-13

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☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

24/11/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT 03/09234

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EP 1182688	A	27-02-2002	CN EP	13-03-2002 27-02-2002
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